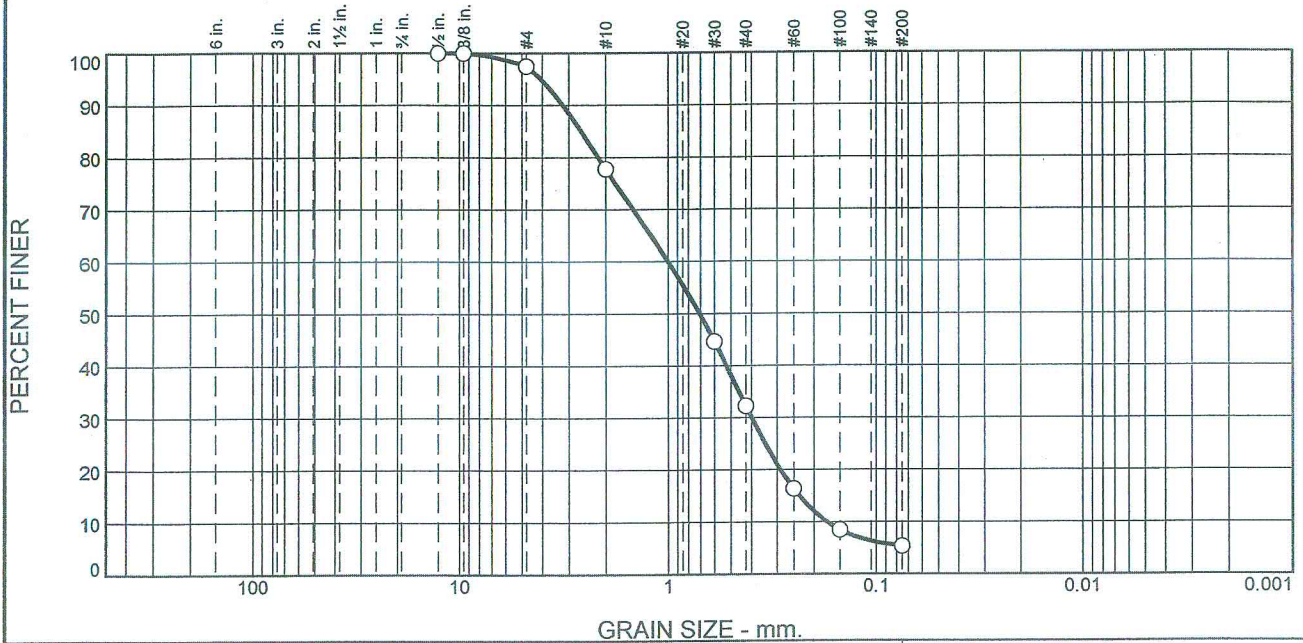




ATLANTIC TESTING LABORATORIES

WBE certified company

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	0	2	20	46	27	5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC (X)
1/2	100		
3/8	100		
#4	98		
#10	78		
#30	45		
#40	32		
#60	16		
#100	8		
#200	5.4		

Soil Description
Mound Sand
Percent between #35 and #10 = 40 %

Atterberg Limits
PL= --- LL= --- PI= ---

Coefficients
D₈₅= 2.6171 D₆₀= 0.9984 D₅₀= 0.7056
D₃₀= 0.3978 D₁₅= 0.2346 D₁₀= 0.1728
C_u= 5.78 C_c= 0.92

Classification
USCS= --- AASHTO= ---

Remarks
ASTM C136 & C117
Delivered by Client on 09-08-15

* (no specification provided)

Sample No.: ST3606S08 Source of Sample: Marcellus Elev./Depth: ---
Location: Stockpile - I

ATLANTIC TESTING LABORATORIES, LIMITED Syracuse, New York	Client: Smith Sand & Gravel, Inc.
	Project: Laboratory Services
Report No: ST3606SL-08-09-15	Date: 09-10-15

Reviewed by:

Date: 9/10/15